

## EDITED KSA LISTING

### **CLASS: Energy Resources Specialist II**

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*NOTE: Each position within this classification may be required to possess all or some of these knowledges, skills or abilities.*

#	Knowledge, Skill, Ability
	<b>Knowledge of:</b>
<b>K1</b>	Comprehensive knowledge of energy conservation and/or energy project development to evaluate and implement projects.
<b>K2</b>	Comprehensive knowledge of principles of physical sciences, economics, and engineering involved in energy production, transmission, utilization and conservation to evaluate and implement projects, energy consumption trends, create models, cost analysis, etc.
<b>K3</b>	Comprehensive knowledge of the principles of program evaluation and planning to assess institution needs and develop proposed projects.
<b>K4</b>	Fundamental knowledge of energy policy analysis and formulation to develop policies and advise management.
<b>K5</b>	Basic knowledge of the Federal, State, local government and private agencies involved in energy research and regulation to obtain information/use them as a resource.
<b>K6</b>	Basic knowledge of general provisions of Federal and State laws and regulations applicable to the construction and operation of utilities to ensure compliance with them.
<b>K7</b>	General knowledge of socio-economic implications of energy forecasting and facility construction to facilitate planning and evaluate proposed projects.
<b>K8</b>	General knowledge of recent research and development projects in the field of energy resources to facilitate planning and evaluate proposed projects.

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#	Knowledge, Skill, Ability
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	<b>Skill to:</b>
<b>S1</b>	Skill to reason logically and creatively and utilize a variety of analytical and research techniques to resolve complex energy conservation and development problems.
<b>S2</b>	Skill to develop and evaluate alternatives to make sound recommendations related to energy efficiency.
<b>S3</b>	Skill to present ideas and information effectively both orally and in writing to communicate recommendations, concepts, and projects to management, institutions, other agencies, and utilities.
<b>S4</b>	Skill to consult with and advise management, institutions and other agencies on a wide variety of energy-related subject-matter areas to resolve issues, comply with energy mandates, and provide information on energy efficiency.
<b>S5</b>	Skill to gain and maintain the confidence and cooperation of those contacted during the course of work to advocate on behalf of the institutions when communicating with management, outside agencies, and utilities.
<b>S6</b>	Skill to coordinate the work of others to ensure successful completion of energy efficiency projects.

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#	Knowledge, Skill, Ability
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	<b>Ability to:</b>
<b>A1</b>	Reason logically and creatively and utilize a variety of analytical and research techniques to resolve complex energy conservation and development problems.